

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PATTERNEDE SUBSTRATE SURFACE MAPPING

the specification of which is attached hereto, unless the following box is checked:

which was filed on _____
 and assigned serial number _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application on which priority is claimed:

Application number	Country	Filing date	Priority claimed	Certified Copy
			<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 199(e) of any United states Provisional application listed below:

Application number	Filing date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application number	Filing date	Patent number, if applicable

58940.US

I hereby appoint the following attorneys, with full power of substitution and revocation, to prosecute this application and any other applications based thereon and to transact all business in the United States Patent and Trademark Office and any other competent international authorities in connection therewith:

ATTORNEY	REG. #	ATTORNEY	REG. #
Andrew S. Neely	28,979	Rick Barnes	39,596
Mark S. Graham	32,355	Mark P. Crockett	47,507
Robert O. Fox	34,165	J. David Gonce	47,601
David E. LaRose	34,369	Michael T. Lukon	48,164
Geoffrey D. Kressin	28,730	Kevin McAndrews	34,496
Michael E. Sellers	39,831	Marius Domokos	48,153

and request that all correspondence and telephone calls in respect to this application be directed to:

CUSTOMER NUMBER 00408

LUEDEKA, NEELY & GRAHAM
P.O. Box 1871
Knoxville TN 37901

Attn: Rick Barnes

Phone: 1.865.546.4305
Fax: 1.865.934.0444

Email: RBarnes@LNG-Patent.com

Attorney docket: 58940.US

I hereby authorize the attorneys named herein to accept and follow instructions from KLA-Tencor Technologies Corporation as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the attorneys and myself. I hereby waive any right to revoke such power of attorney and appoint substitute attorneys, and grant all such powers to KLA-Tencor Technologies Corporation.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

58940.doc.doc

Full name of inventor:

GARY R. JANIK

GARY R. JANIK
Date 1/29/04

Inventor's signature

Residence:

362 Parkside Drive, Palo Alto CA 94306

Post Office Address:

362 Parkside Drive, Palo Alto CA 94306

Citizenship:

United States of America

58940.US

Full name of inventor:

Liang-Guo Wang

1/30/2004
DateLiang-guo Wang
Inventor's signature

Residence:

41050 Valero Drive, Fremont CA 94539

Post Office Address:

41050 Valero Drive, Fremont CA 94539

Citizenship:

United States of America

58940.US

Full name of inventor:

2/2/04

Date

Residence:

Post Office Address:

Citizenship:

Christopher M. Pohlhammer

Christopher M. Pohlhammer

Inventor's signature

616 Sunflower Court, San Ramon CA 94583

616 Sunflower Court, San Ramon CA 94583

United States of America